

Datasheet for ABIN1842573

anti-Influenza Nucleoprotein antibody (Influenza A Virus H1N1) (C-Term)[Go to Product page](#)**1** Publication

Overview

Quantity:	40 µg
Target:	Influenza Nucleoprotein (NP)
Binding Specificity:	C-Term
Reactivity:	Influenza A Virus H1N1
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Please inquire

Product Details

Immunogen:	KLH-coupled synthetic peptide from C-terminal of Influenza A (H1N1) 2009 virus NP protein (GenBank: CY040002).
Isotype:	IgG
Specificity:	Rabbit Anti-H1N1 NP Polyclonal Antibody detects influenza A (H1N1) NP protein.
Characteristics:	Rabbit Anti-H1N1 NP Polyclonal Antibody is developed in rabbit using a KLH-coupled synthetic peptide from C-terminal of Influenza A (H1N1) 2009 virus NP protein (GenBank: CY040002).
Purification:	Immunoaffinity chromatography

Target Details

Target:	Influenza Nucleoprotein (NP)
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Target Details

Abstract:	NP Products
Target Type:	Influenza Protein
Background:	Influenza A (H1N1) virus is a subtype of influenzavirus A and the most common cause of influenza (flu) in humans. A strain of swine-origin H1N1 was responsible for the 2009 flu pandemic. NP (nucleocapsid protein) encapsulates the negative strand viral RNA, protecting it from nucleases. NP is responsible of the active RNP import into the nucleus through the cellular importin alpha/beta pathway.
Molecular Weight:	Predicted Band Size: 115 KD Observed Band Size: 115 KD

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/mL.
Concentration:	0.5 mg/mL
Buffer:	Lyophilized with PBS, pH 7.4, containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing cycles.
Storage:	4 °C/-20 °C
Storage Comment:	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below.

Publications

Product cited in:	Hao, Wang, Li: "FKBP5 Regulates RIG-I-Mediated NF-κB Activation and Influenza A Virus Infection." in: Viruses , Vol. 12, Issue 6, (2020) (PubMed).
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